

Abstract

The present invention provides a bubble filter system in water make filth and impurity can not fill up on micro filter sieve (2) by oblique erect micro filter sieve (2) and the bubbles produced from deflate pipe (6), and produces revolving convection, and decompose filth by the revolving convection finely. The present invention has a simple structure and the cost of which is low, and can carry separate work continuously to separate the high concentration wastewater. The present invention comprises: solid and liquid separator (1); a micro filter sieve attached device (3) disposed in solid and liquid separator (1), micro filter sieve (2) for separating wastewater inflow side (1a) and filtrate drain side (1b) disposed on said micro said filter sieve attached device, said micro filter sieve (2) attached to micro filter sieve attached device provided with plural small holes; air tubing (5) connecting the air-producing device (4) and deflate pipe (6); wastewater inflow device (7) used for wastewater flowing into wastewater inflow side (1a); filtrate drain device (8) used for draining filtrate form filtrate drain side (1b); deposit matter drain device (9) for draining deposit matter form the lower part of wastewater inflow side (1a); and, micro filter sieve (2) can be disposed on micro filter sieve attached device (3) in at least two directions, and plural micro filter sieves can be disposed on micro filter sieve attached device continuously in latitudinal direction, the filtrate drain side (1a) of micro filter sieve (2) is provided with layered material having micro cell resin membrane.